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TITLE: Method for recycling waste fiber reinforced plastic

INVENTOR: HWANG, T S; HWNG, E H ; LEE, G P

PRIORITY-DATA: 1999KR-0049892 (November 11, 1999)

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PATENT-FAMILY:

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INT-CL (IPC): [B29 B 17/00](#)ABSTRACTED-PUB-NO: [KR2001046209A](#)

BASIC-ABSTRACT:

NOVELTY - Provided is a method for recycling waste fiber reinforced plastics by grinding, the ground waste fiber reinforced plastics replace fine aggregate of polymer cement concrete, therefore, the polymer cement concrete has excellent strength, durability, watertight property, and etc.

DETAILED DESCRIPTION - The polymer cement concrete comprises a polymer admixture selected from the group consisting of SBR latex, EVA emulsion, and PAE emulsion and the fine aggregate, wherein 10-50 of the fine aggregate is replaced by the waste fiber reinforced plastic fine powder having a particle size of 5-500 micrometer. The ratio of polymer/cement in the polymer cement concrete is 5-30.

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